

HOLISTIC ECOLOGICAL SYNERGY:

As an Intercloud **KISS!** Application....

At first glance there's seemingly little in common with an old-school social psychology concept and cutting edge network of networks machine technology. The proposition being explored here is how their combination may yield a whole that's greater than the sum of its parts.

The current disconnect between holistic systems theory and digital technology wasn't always the case. Synthesizing masses of abstruse environmental data into a meaningful whole was envisioned as a computer application in the 1960s. By the 1970s 3-D graphics, multi-layered geocode modeling and satellite remote sensing technologies were becoming operational to work on this task. This however didn't work out for a variety of reasons; hardware limits, performance policy failures, and unresolved markets to evolve this kind of upstream application. While the Digital world 1.0 wasn't the most appropriate venue for this concept, focused mostly on computer science coding, today's 2.0 world is instead resolving around network-science connections. In this case, ecological principles and obscured potential synergy can now be a relevant blueprint for Intercloud technology. Although exactly for what purpose, especially at this point, is a good question. National Intelligence or an intelligent nation?

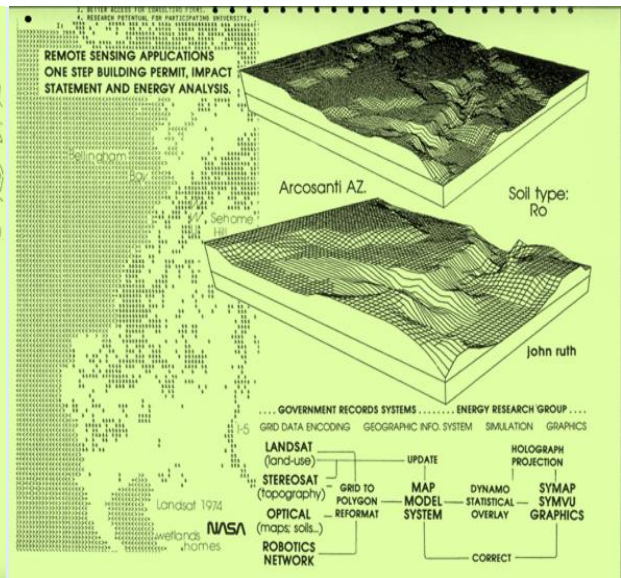
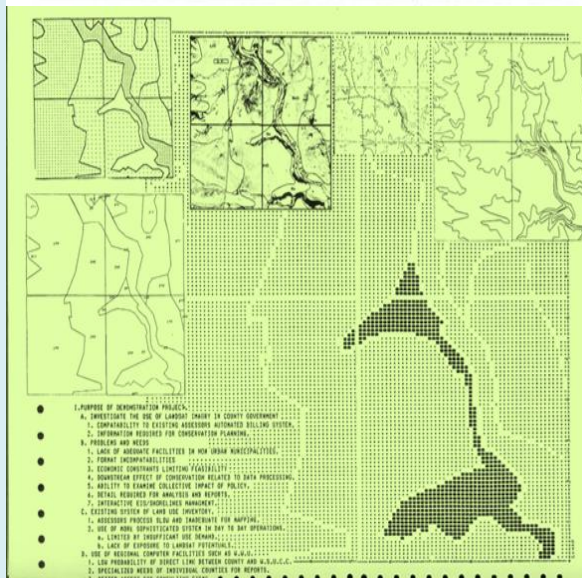
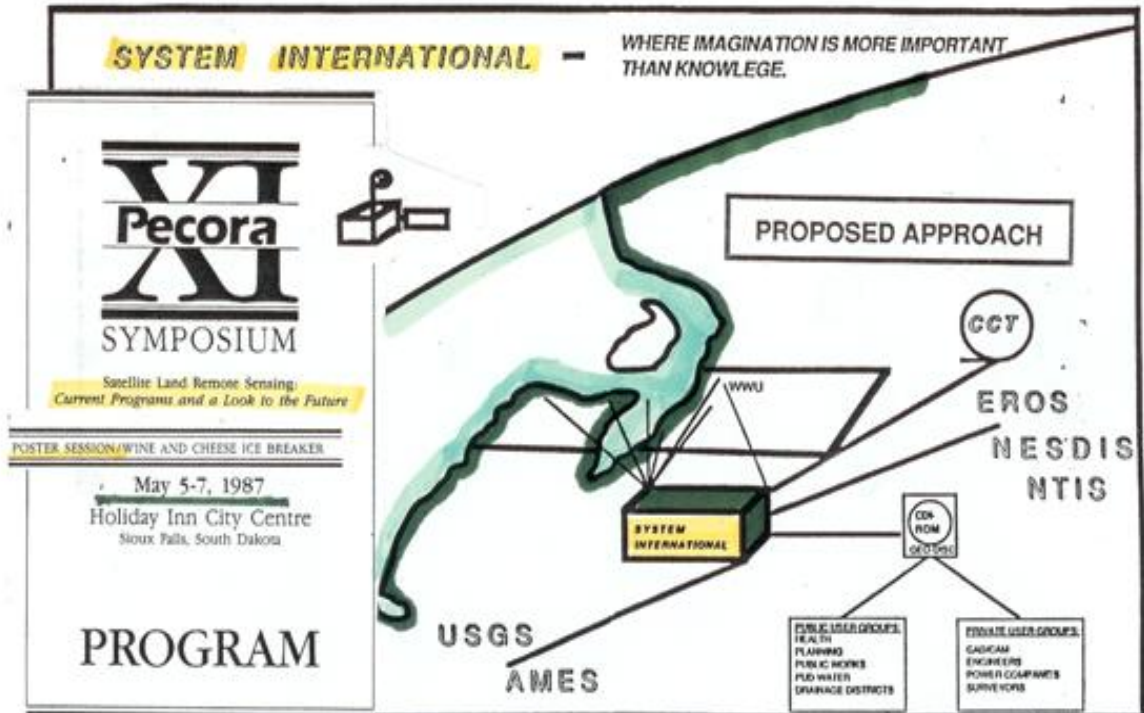
By the mid-1980s I'd concluded that my **3-D environmental computer systems** application was yet another **"Global Vision in a Flat World"** disconnect...

Mission to Planet Earth



NASA Research Announcement & Announcement of Opportunity


CURRENT INFORMATION



TECHNICAL REPORT NO.

3

WASHINGTON STATE COMPREHENSIVE OUTDOOR RECREATION PLAN/



AN INVESTIGATION OF GEOCODE COMPUTER MODELING APPLICATIONS IN OUTDOOR RECREATION PLANNING

GLOBAL VISIONS IN A FLAT WORLD: STREAMLINING LOCAL PERMITS AND WATERSHED ANALYSIS WITH IMAGE BASED RESOURCE INFORMATION.

PECORA 10

TYPICAL APPROACH	GEOCODE SYSTEM	PROPOSED APPROACH
LEVEL: county/city	LEVEL: city/county/state	
APPROACH: custom accounting	APPROACH: modular planned	
FORMAT: point	FORMAT: point,line,polygon	
COST: \$200,000.00/\$2.50 parcel	COST: \$200.00/\$.25 parcel *	
HARDWARE: IBM 36	HARDWARE: IBM 360/40+mini	
LANGUAGE: RPG III	LANGUAGE: PL/I, FORTRAN	
	IMAGE DATA	
FORMAT: air-photo mylar	FORMAT: digital satellite	
COST: \$30,000.00/33% coverage	COST: \$3,000.00/full coverage	
UPDATE: ten years	UPDATE: near real-time	
ANALYSIS: none	ANALYSIS: digital overlay	
	REPORTS/ STUDIES	
WATERSHED: \$170,000.00	WATERSHED: in-house	
DRAINAGE: \$100,000.00	DRAINAGE: in-house	

PREPARED FOR THE WASHINGTON STATE INTERAGENCY COMMITTEE FOR OUTDOOR RECREATION BY THE HUXLEY COLLEGE OF ENVIRONMENTAL STUDIES, WESTERN WASHINGTON STATE COLLEGE, BELLINGHAM, WASHINGTON

* MAP MODEL SYSTEM, BUREAU OF GOVERNMENTAL SERVICE AND RESEARCH, U OREGON

The inability to connect these (geocodes) dots into a “**big-picture**”, back when it could’ve made a difference, is a failure of imagination that citizens are only now beginning to realize. The intent of “**System International**” (SI) was to get the government out of the environmental information business, by creating a private-public company to coordinate users and data into a thematic-bioregional context. Instead, taxpayers got episodic data processing with limited information utility. As a result of this, the report/studies category costs have

also exploded, with very limited public benefit. Meanwhile the intelligent mental environment needed to actually address these issues, is fading into a distant memory.

Given the potential of “**Z-factor computing**” as an Intercloud platform, “SI” could now be in the business of calculating **holistic ecological synergy** as a **logistics of living** bottom line. The mere existence of such machine technology however, can’t magically resolve the immense technical and philosophical issues its app will impose on our physical-social-mental environment. Reinventing my “SI” expert-mechanism, “**Where imagination is more important than knowledge**”, to address these issues proactively in the here and now... seems improbable at best. Even worse, grasping this concept as text isn’t adequate for what’s basically a quantum phenomenon, that’s largely beyond rational-binary-linear observation. (It’s much like fractals, where explaining their organic geometry as text/equations, isn’t as useful as a computer generated graphic image of that fractal.) This also limits our ability to adequately explore holistic concepts, as a bipolar/linear text. (Maybe as a **3-D graphic-gestalt**, but that’s an entirely different issue.) Suffice to say, having a hand held device that can model & simulate the synergy-entropy at a precise geocode in real-time, will only reveal what’s already obvious; the current logistics of living is much more entropic than synergistic. Defining a different logistical strategy to reverse this, may mean defining a very different way of living. Hopefully as a geocode coordinate with more ecological order and less environmental chaos... like an *architecture + holistic-*

ecological-synergy mash-up? Maybe a place where those who wish to live in grace with the **Creator**, could live in logistical grace with the creation? As in “endowed by our Creator with certain inalienable rights...” such as; healthy food & water, smart housing & synergy, sound commerce & communication, fair justice & defense?

WHO'S WHO DIRECTORY FOR THE COLUMBIA RIVER AND PUGET SOUND REGION

AMERICAN SOCIETY OF PHOTOGRAMMETRY
MEMBER INTERNATIONAL SOCIETY FOR PHOTOGRAMMETRY

JULY, 1976

Integration of Remote Sensed Data in Geographic Information Systems for Processing of Global Resource Information

Ramada Renaissance Hotel, Washington, D.C. May 29-31, 1985

CONFERENCE SCHEDULE

WEDNESDAY-MAY 29, 1985
9:00 AM - 10:15 AM
SPATIAL DATA BASE MANAGEMENT FOR REGIONAL PLANNING
Session T1-Conference Room A
V. Kulkarni, Director
The Role of the Data Base
V. K.

10:15 AM - 12:00 PM
SPATIAL DATA BASE MANAGEMENT FOR REGIONAL PLANNING
Session T2-Conference Room A
V. Kulkarni, Director
The Role of the Data Base
V. K.

12:00 PM - 1:00 PM
LUNCH

1:00 PM - 2:00 PM
SPATIAL DATA BASE MANAGEMENT FOR REGIONAL PLANNING
Session T3-Conference Room A
V. Kulkarni, Director
The Role of the Data Base
V. K.

2:00 PM - 3:00 PM
SPATIAL DATA BASE MANAGEMENT FOR REGIONAL PLANNING
Session T4-Conference Room A
V. Kulkarni, Director
The Role of the Data Base
V. K.

3:00 PM - 4:00 PM
SPATIAL DATA BASE MANAGEMENT FOR REGIONAL PLANNING
Session T5-Conference Room A
V. Kulkarni, Director
The Role of the Data Base
V. K.

4:00 PM - 5:00 PM
SPATIAL DATA BASE MANAGEMENT FOR REGIONAL PLANNING
Session T6-Conference Room A
V. Kulkarni, Director
The Role of the Data Base
V. K.

5:00 PM - 6:00 PM
SPATIAL DATA BASE MANAGEMENT FOR REGIONAL PLANNING
Session T7-Conference Room A
V. Kulkarni, Director
The Role of the Data Base
V. K.

6:00 PM - 7:00 PM
SPATIAL DATA BASE MANAGEMENT FOR REGIONAL PLANNING
Session T8-Conference Room A
V. Kulkarni, Director
The Role of the Data Base
V. K.

7:00 PM - 8:00 PM
SPATIAL DATA BASE MANAGEMENT FOR REGIONAL PLANNING
Session T9-Conference Room A
V. Kulkarni, Director
The Role of the Data Base
V. K.

8:00 PM - 9:00 PM
SPATIAL DATA BASE MANAGEMENT FOR REGIONAL PLANNING
Session T10-Conference Room A
V. Kulkarni, Director
The Role of the Data Base
V. K.

REMOTE SENSING APPLICATIONS ONE STEP BUILDING PERMIT, IMPACT STATEMENT AND ENERGY ANALYSIS.

Bellingham

Seh Hill

WASHINGTON PRIVATE COMPANIES AND INDIVIDUALS

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Pecora

SYMPOSIUM

Satellite Land Remote Sensing: Current Programs and a Look to the Future

POSTER SESSION (Cont'd.)

- Remote Sensing of Natural Resources in Zimbabwe: Woodland Cover Monitoring in the Communal Lands, F. K. Odum, Zimbabwe Forestry Commission.
- Global Visions in a Flat World: Streamlining Local Permits and Watershed Analysis with Multi-layered Image Based Resource Information, J. C. Ruth, Systems International.
- Use of Automated Spatial Data Systems in Fuel Management Decision Making, L. A. Salazar, U.S. Forest Service.